



DEPARTMENT OF THE ARMY
WASHINGTON AQUEDUCT
U.S. ARMY CORPS OF ENGINEERS, BALTIMORE DISTRICT
5900 MACARTHUR BOULEVARD, N.W.
WASHINGTON, D.C. 20016-2514

May 14, 2013

RECEIVED
EPA REGION III
MAY 20 2013
NPDES PERMITS BRANCH
(3WP/41)

Office of the General Manager

Ms. Mary M. Letzkus
US EPA Region 3
Mail Code: MC 3WP13
1650 Arch Street
Philadelphia, PA 19103

Via Certified Mail # 7005 1820 0004 4518 9701 / Return Receipt Requested

Re: NPDES Permit Application for Permit No. DC 0000019 Washington Aqueduct

Dear ^{MARY}Ms. Letzkus:

In accordance with 40 CFR Part 122.21 and Part II.D.9 of the permit dated November 20, 2008, we are submitting our completed application for renewal of the referenced permit. This application covers outfalls 002, 003, 004, 006, 007, 008 and 009; all covered under the existing permit.

As you know Washington Aqueduct is operating the Residuals Processing Facility and has fulfilled its obligations under the Federal Facility Compliance Agreement (Docket No. CWA-03-2003-0136DN). Currently, water treatment residuals from the Dalecarlia Water Treatment Plant sedimentation basins, the Georgetown sedimentation basins, and the forebay of the Dalecarlia Reservoir are collected, processed, dewatered and trucked for off-site disposal. Therefore, operation of the RPF has eliminated the return of water treatment residuals to the Potomac River from the sedimentation basins. If there were to be an operational need to make water treatment residuals discharges from outfalls 002, 003, or 004, that would be handled as an upset or bypass under the terms of the permit.

There will continue to be a discharge of ground water, through outfall 002, from a spring located beneath the Dalecarlia sedimentation basins and minor leakage from the Dalecarlia sedimentation basins (about 19.3 MG per year).

For the purpose of this application we have listed one potential bypass or upset in each basin over the five year period of the permit and have made those calculations as they would apply to outfalls 002, 003 and 004.

Outfall 006 takes water from the conduit that moves treated water from the Dalecarlia Reservoir to the Georgetown sedimentation basins. In order to periodically inspect the integrity of that conduit (which now includes the pipes that take pressurized

dredged sediment from the Georgetown basins back to the Residuals Processing Facility) it must be drained.

There are two ways to drain that conduit. One is to close the influent at the Dalecarlia Reservoir and close the Georgetown Conduit effluent that goes into the Georgetown sedimentation basins (sometimes referred to as the "Georgetown Reservoir") and open the gate valve which is located midway between the Dalecarlia and Georgetown and have the contents of the conduit drain to the Potomac River. The other way that has often been used in the past is to take advantage of the draining of one of the two sedimentation basins at Georgetown and let the contents of the conduit flow into the empty basin after closing the influent at the Dalecarlia Reservoir. Since we will not be draining the Georgetown Sedimentation basins as part of our residuals management, that option will not be available in the future.

Therefore, we will need to use Outfall 006. Given normal ranges of settled water (raw water from the Dalecarlia Reservoir with coagulant aluminum sulfate added as it leaves the Dalecarlia Reservoir en route to the Georgetown basins), we are requesting a minor change in average monthly permit limit for total aluminum from 4.0 mg/L to 6.0 mg/L and retaining the maximum daily limit at 8.0 mg/L. The other discharge parameters in the current version of DC 0000019 can remain as they are. We anticipate the discharge frequency of once every three years for inspection purposes. In the case of a break in one of the pressurized lines carrying the residuals back to the treatment facility we would need to get to it very soon after the break occurred and we would determine if it could be done within the requested limits for Outfall 006 or whether we would need to coordinate with you and exercise the upset conditions or request a bypass. The volume is approximately 5 million gallons and would be discharged over one day.

As to this increase in the monthly aluminum limit, we are specifically requesting a waiver under the anti-backsliding provisions of 33 U.S.C. § 1342(o)(2)(A), and 40 CFR § 122.44(l)(2)(i)(A) because the substantial alteration to the operations of the Washington Aqueduct for the addition of the residuals treatment after the issuance of the current permit. Because this limit is a technical one, we do not believe the water quality restrictions of 33 U.S.C. § 1342(o)(3) or 40 CFR 122.44(l)(2)(ii) apply in this case.

Pollutants have been marked "believed present" and the intake column marked if the pollutants are present in our raw water analysis. Pollutants have been marked "believed present" and identified as a "treatment chemical" if they are a chemical added to the raw water. Pollutants have been marked "believed present" if they are detected in chemicals analysis.

If you believe it would be beneficial to meet in person to discuss this renewal application, we invite you to come to the Dalecarlia Water Treatment Plant, or we will come to Philadelphia to meet with you there.

If you have any questions please call me at 202-764-0031 or your staff can contact Mr. Shabir Choudhary at 202-764-2771.


Sincerely,

A handwritten signature in dark ink, appearing to read 'Tomas P. Jacobus', with a long, sweeping horizontal line extending to the right.

Tomas P. Jacobus
General Manager

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting)		I. EPA I.D. NUMBER S F DC0000019		T/A C D	
LABEL ITEMS		III. FACILITY NAME		V. FACILITY MAILING ADDRESS		VI. FACILITY LOCATION	
I. EPA I.D. NUMBER		III. FACILITY NAME		V. FACILITY MAILING ADDRESS		VI. FACILITY LOCATION	
II. POLLUTANT CHARACTERISTICS		III. FACILITY NAME		V. FACILITY MAILING ADDRESS		VI. FACILITY LOCATION	
<p>INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.</p>							
SPECIFIC QUESTIONS		Mark "X"		SPECIFIC QUESTIONS		Mark "X"	
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S. ? (FORM 2A)		YES	NO	FORM ATTACHED	B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S. ? (FORM 2B)		YES
			X				NO
		16	17	18			21
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S. ? (FORM 2D)		X
		22	23	24			27
E. Does or will this facility treat, store, or dispose of hazardous wastes ? (FORM 3)			X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X
		28	29	30			33
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)			X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X
		34	35	36			39
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X
		40	41	42			45
III. NAME OF FACILITY							
C. SKIP WASHINGTON AQUEDUCT							
15 16 20 30 60							
IV. FACILITY CONTACT							
A. NAME & TITLE (last, first, & title)				B. PHONE (area code & no.)			
C. JACOBUS, THOMAS, GENERAL MANAGER				D. (202) 764-0031			
15 16 45 46 48 49 51 52 55							
V. FACILITY MAILING ADDRESS							
A. STREET OR P.O. BOX							
C. 5900 MACARTHUR BOULEVARD, NW							
15 16 45							
B. CITY OR TOWN				C. STATE		D. ZIP CODE	
C. WASHINGTON				DC		20016	
15 16 40 41 42 47 51							
VI. FACILITY LOCATION							
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER							
C. 5900 MACARTHUR BOULEVARD, NW							
15 16 45							
B. COUNTY NAME							
46 70							
C. CITY OR TOWN				D. STATE		E. ZIP CODE	
C. WASHINGTON				DC		20016	
15 16 40 41 42 47 51 52 54							

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VII. SIC CODES (4-digit, in order of priority)									
A. FIRST					B. SECOND				
C	7	4	9	4	1	C	7		
(specify)					(specify)				
WATER TREATMENT PLANT									
C. THIRD					D. FOURTH				
C	7				C	7			
(specify)					(specify)				
VIII. OPERATOR INFORMATION									
A. NAME									
C	8	UNITED STATES ARMY CORPS OF ENGINEERS							
B. Is the name listed in Item VIII-A also the owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO									
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: if "Other," specify.)									
F = FEDERAL S = STATE P = PRIVATE					M = PUBLIC (other than federal or state) O = OTHER (specify)				
F					(specify)				
D. PHONE (area code & no.)									
A					(202) 764-0031				
E. STREET OR P.O. BOX									
5900 MACARTHUR BOULEVARD, NW									
F. CITY OR TOWN									
WASHINGTON									
G. STATE									
DC									
H. ZIP CODE									
20016									
IX. INDIAN LAND									
Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO									
X. EXISTING ENVIRONMENTAL PERMITS									
A. NPDES (Discharges to Surface Water)					D. PSD (Air Emissions from Proposed Sources)				
C	9	N			C	9	P		
DC00000019									
B. UIC (Underground Injection of Fluids)					E. OTHER (specify)				
C	9	U			C	9			
					(specify)				
C. RCRA (Hazardous Wastes)					E. OTHER (specify)				
C	9	R			C	9			
DC1960000908					(specify)				
XI. MAP									
Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.									
XII. NATURE OF BUSINESS (provide a brief description)									
Washington Aqueduct is a wholesaler of potable water. Its customers are: the DC Water; Arlington County Virginia; and the City of Falls Church, Virginia									
XIII. CERTIFICATION (see instructions)									
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.									
A. NAME & OFFICIAL TITLE (type or print)					B. SIGNATURE			C. DATE SIGNED	
Thomas P. Jacobus, General Manager								May 15, 2013	
COMMENTS FOR OFFICIAL USE ONLY									
C					C				

EPA I.D. NUMBER (copy from Item 1 of Form 1)

DC000019

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

Please print or type in the unshaded areas only.

FORM
2C
NPDESU.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS
Consolidated Permits Program**I. OUTFALL LOCATION**

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
002	38.00	55.00	57.00	77.00	7.00	3.00	Potomac River
003	38.00	54.00	41.50	77.00	5.00	57.00	Potomac River
004	38.00	54.00	27.50	77.00	5.00	36.00	Potomac River
006	38.00	55.00	14.00	77.00	6.00	0.00	Potomac River
007	38.00	54.00	58.00	77.00	3.00	32.00	Rock Creek

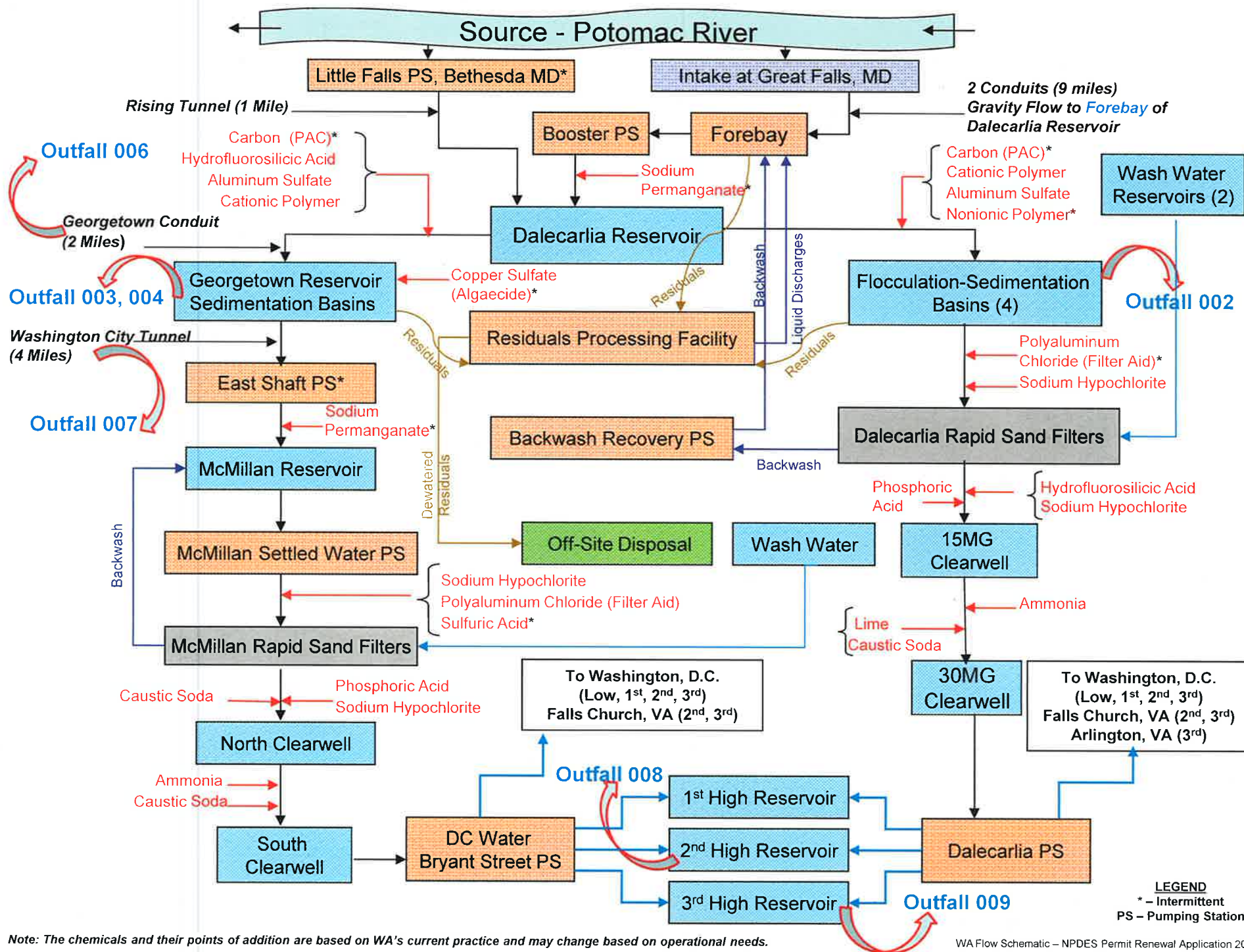
II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
002	Water Treatment Process Water from	14 MG/year	None	4	A
	Dalecarlia WTP Basins 1, 2, 3 & 4				
	(1 discharge/basin every 5 years)				
002	Groundwater from basin underdrains	19.3 MG/year	None	4	A
	(Continuous)				
003	Water Treatment Process Water from	80 MG/year	None	4	A
	Georgetown Basin 2				
	(1 discharge every 5 years)				
004	Water Treatment Process Water	80 MG/year	None	4	A
	Georgetown Basin 1 or Basin 2				
	(1 discharge every 5 years)				
006	Water Treatment Process Water	5 MG/year	None	4	A
	from Georgetown Conduit				
	(1 discharge every 3 years)				
007	Treated Water Blowoff City Tunnel	10 MG/year	None	4	A
	(1 discharge every 5-10 years)				

OFFICIAL USE ONLY (effluent guidelines sub-categories)



Note: The chemicals and their points of addition are based on WA's current practice and may change based on operational needs.

WA Flow Schematic - NPDES Permit Renewal Application 2013

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C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☒ YES (complete the following table)

☐ NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		B. TOTAL VOLUME (specify with units)		C. DURATION (in days)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
002	Sedimentation Basin Drain	N/A	0.017/yr	N/A	7	N/A	7 MG	2 days
003	Sedimentation Basin Drain	N/A	0.017/yr	N/A	40	N/A	40 MG	2 days
004	Sedimentation Basin Drain	N/A	0.017/yr	N/A	40	N/A	40 MG	2 days
006	Georgetown Conduit Inspection	N/A	0.028/yr	N/A	5	N/A	5 MG	1 day
007	City Tunnel Inspection	N/A	0.011/yr	N/A	5	N/A	5 MG	2 days
008	2nd High Reservoir Inspection	N/A	0.014/yr	N/A	7	N/A	7 MG	2 days
009	3rd High Reservoir Inspection	N/A	0.014/yr	N/A	10	N/A	10 MG	2 days

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☒ YES (complete Item III-B)

☐ NO (go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?

☐ YES (complete Item III-C)

☒ NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES (complete the following table)

☒ NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS

NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged to the water body. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
None			

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☒ NO (go to Item VI-B)

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VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☒ YES (identify the test(s) and describe their purposes below)

☐ NO (go to Section VIII)

In order to fulfill the requirements of NPDES Permit No. DC0000019 under Part III.D.1, a series of toxicity tests were performed in accordance with the study plan (Study Plan for Evaluating the Effect of Solids from the Washington Aqueduct on Embryo-Larval Fish) as follows:

1. Particulate phase (supernatant) chronic toxicity testing using: fathead minnow 7-day larval survival and growth test; and water flea survival and reproduction test.
2. Amphipod solid phase toxicity testing.
3. Acute toxicity testing using striped bass
4. Testing of Potomac River sediments using *Hyalella azteca*.

Tests were performed during the years 2009, 2010 and 2011 and results were documented in a series of reports as given below. The reports were submitted to EPA Region III.

Results of Toxicity Testing of Discharges from Washington Aqueduct Outfalls 002 and 003 For Calendar Year 2011 (9 JAN 2012, submitted to EPA Region III on 30 JAN 2012)

Results of Toxicity Testing of Discharges from Washington Aqueduct Outfalls 002 and 003 For Calendar Year 2010 (16 DEC 2010, submitted to EPA Region III on 20 DEC 2010)

Results of Toxicity Testing of Discharges from Washington Aqueduct Outfalls 002 and 003 For Calendar Year 2009 (22 JAN 2010, submitted to EPA Region III on 29 JAN 2010)

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

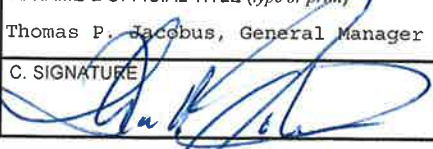
☐ YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

☒ NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)

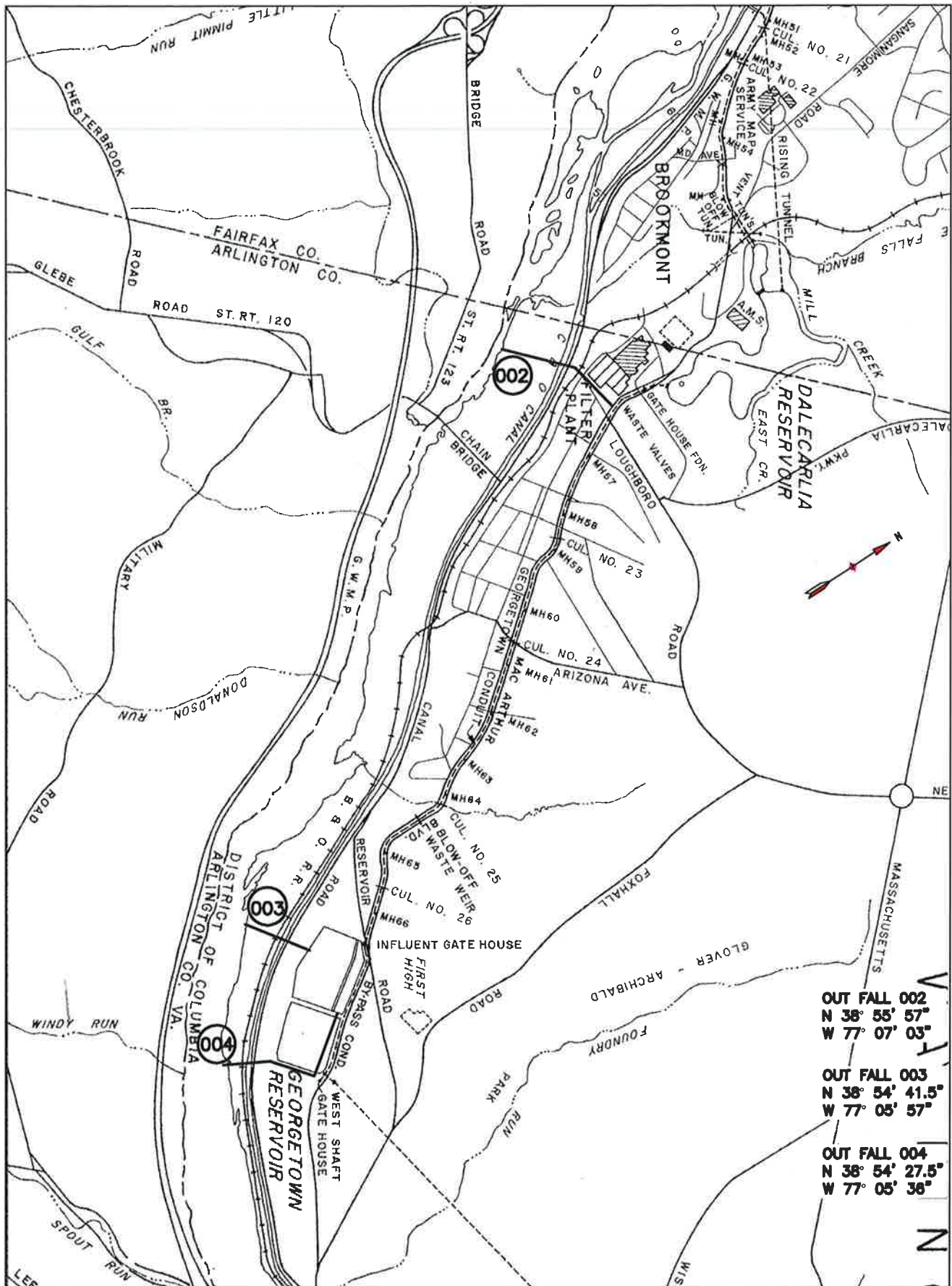
IX. CERTIFICATION

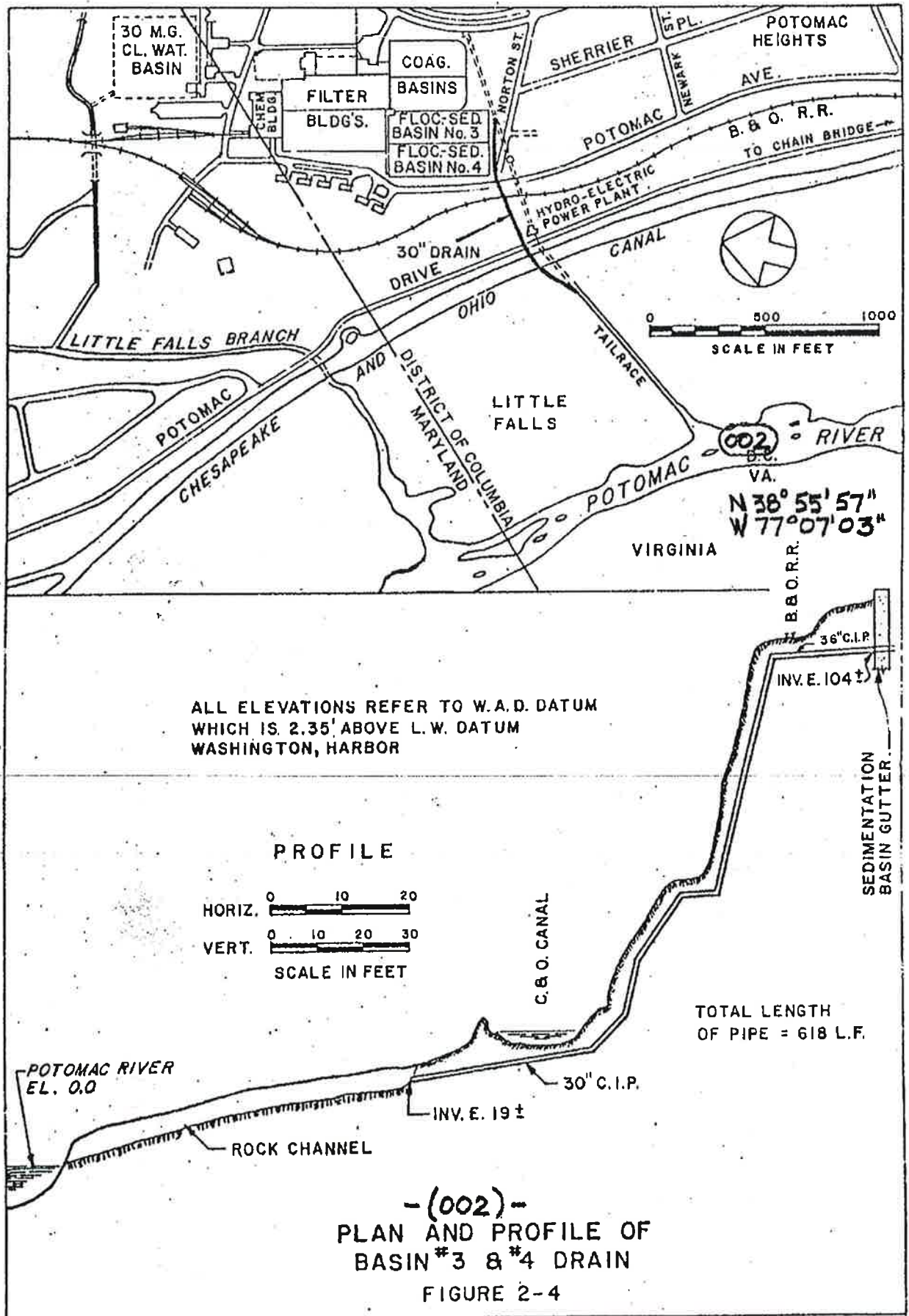
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

<p>A. NAME & OFFICIAL TITLE (type or print)</p> <p>Thomas P. Jacobus, General Manager</p>	<p>B. PHONE NO. (area code & no.)</p> <p>(202) 764-0031</p>
<p>C. SIGNATURE</p> 	<p>D. DATE SIGNED</p> <p>15 May 2013</p>

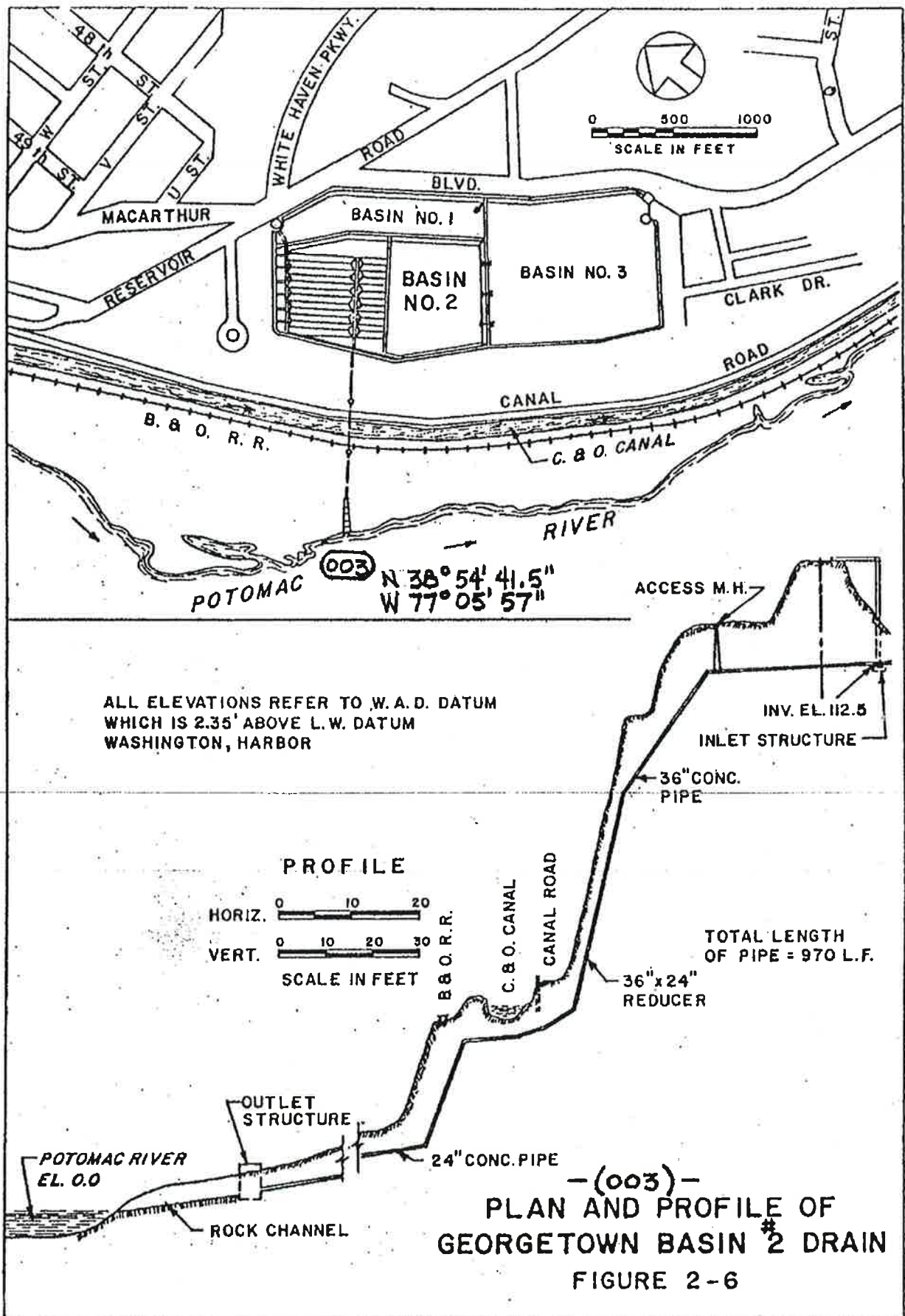
WASHINGTON AQUEDUCT

LOCATION OF OUTFALLS 002, 003 AND 004

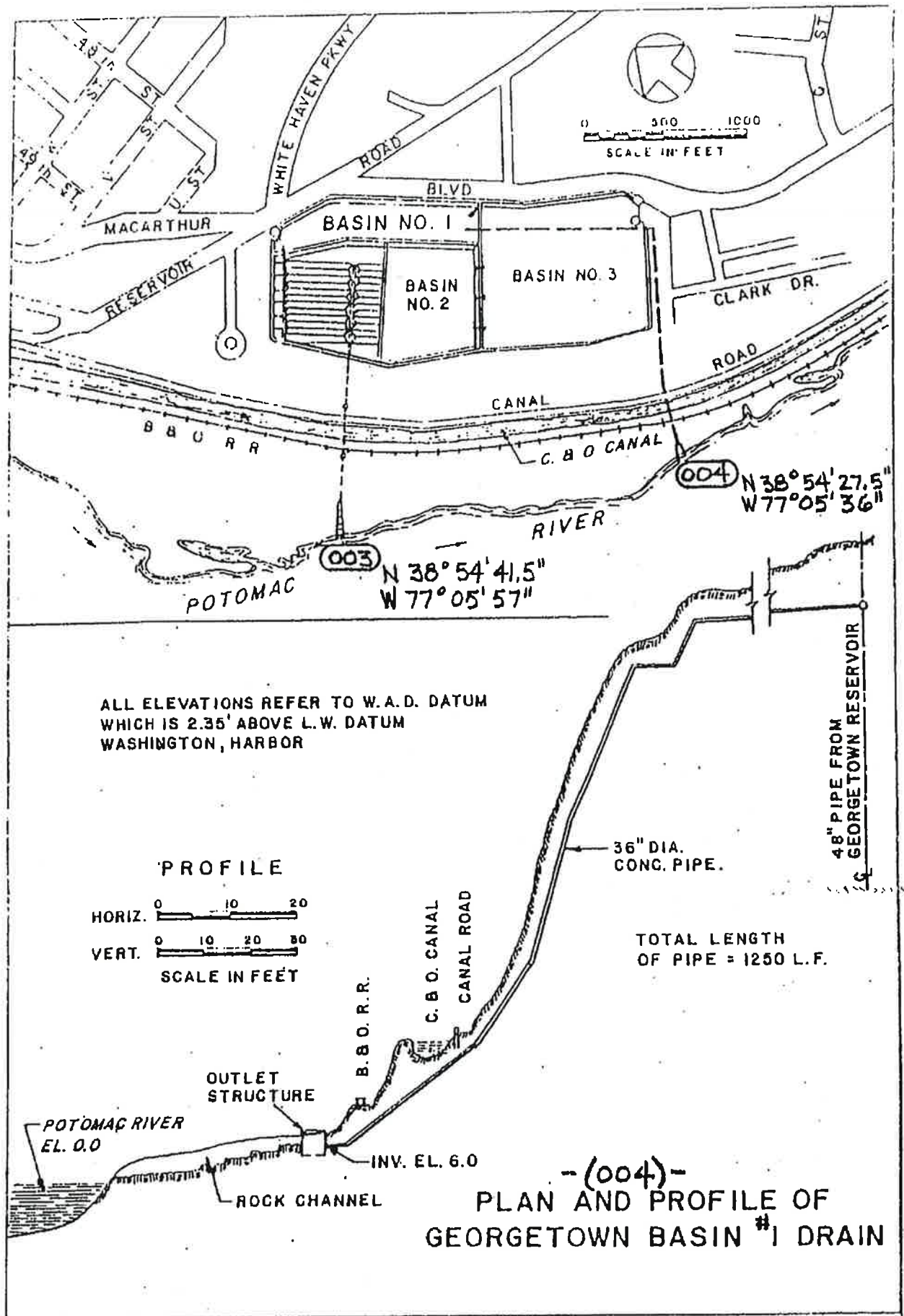




**WASHINGTON AQUEDUCT
DETAIL OF OUTFALL 002**



**WASHINGTON AQUEDUCT
DETAIL OF OUTFALL 003**



**WASHINGTON AQUEDUCT
DETAIL OF OUTFALL 004**

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)
DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)											OUTFALL NO. 002, 003, 004	
PART A –You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.												
1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (COD)	N/A											
c. Total Organic Carbon (TOC)	N/A											
d. Total Suspended Solids (TSS)	11,800	1,410	Sums of	masses	from Outfall 02	003, 004		mg/L	tons/y			
e. Ammonia (as N)	N/A											
f. Flow	VALUE 114 MG/Y		VALUE		VALUE					VALUE		
g. Temperature (winter)	VALUE N/A		VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE N/A		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.94	MAXIMUM 8.6	MINIMUM	MAXIMUM				STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color	X											X		
d. Fecal Coliform	X											X		
e. Fluoride (16984-48-8)	X		1.1	mg/l	Treatment		0.9	mg/l		Chemical				
f. Nitrate-Nitrite (as N)	X		3.0	mg/l			1.5	mg/l				X		

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X											X		
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)	X											X		
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO ₄) (14808-79-8)	X		74	mg/l	Treatment		53	mg/l		Chemical		X		
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		1,430	mg/l	Treatment		6	mg/l		Chemical		X		
p. Barium, Total (7440-39-3)	X		64	ug/l			39	ug/l				X		
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)	X		1.1	ug/l			0.07	ug/l				X		
s. Iron, Total (7439-89-6)	X		1,176	ug/l			254	ug/l				X		
t. Magnesium, Total (7439-95-4)	X		14	ug/l			8.5	ug/l				X		
u. Molybdenum, Total (7439-98-7)	X		1.9	ug/l			0.7	ug/l				X		
v. Manganese, Total (7439-96-5)	X		150	ug/l			53.3	ug/l				X		
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
DC0000019	002, 003, 004

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)							
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES				
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS					
METALS, CYANIDE, AND TOTAL PHENOLS																			
1M. Antimony, Total (7440-36-0)			X																
2M. Arsenic, Total (7440-38-2)		X		1.1	ug/l			0.4	ug/l				X						
3M. Beryllium, Total (7440-41-7)			X																
4M. Cadmium, Total (7440-43-9)			X																
5M. Chromium, Total (7440-47-3)		X		3.3	ug/l			1.6	ug/l				X						
6M. Copper, Total (7440-50-8)		X		23	ug/l	Treatment		3.7	ug/l		Chem.		X						
7M. Lead, Total (7439-92-1)		X		1.7	ug/L			0.3	ug/l				X						
8M. Mercury, Total (7439-97-6)			X																
9M. Nickel, Total (7440-02-0)		X		3.5	ug/l			2.3	ug/l				X						
10M. Selenium, Total (7782-49-2)		X		1.4	ug/l			0.5	ug/l				X						
11M. Silver, Total (7440-22-4)			X																
12M. Thallium, Total (7440-28-0)			X																
13M. Zinc, Total (7440-66-6)		X		58	ug/l			4.2	ug/l				X						
14M. Cyanide, Total (57-12-5)			X																
15M. Phenols, Total			X																
DIOXIN																			
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS															

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)					
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES				
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS					
GC/MS FRACTION – VOLATILE COMPOUNDS																			
1V. Acrolein (107-02-8)			X																
2V. Acrylonitrile (107-13-1)			X																
3V. Benzene (71-43-2)			X																
4V. Bis (Chloro- methyl) Ether (542-88-1)			X																
5V. Bromoform (75-25-2)			X																
6V. Carbon Tetrachloride (56-23-5)			X																
7V. Chlorobenzene (108-90-7)			X																
8V. Chlorodi- bromomethane (124-48-1)			X																
9V. Chloroethane (75-00-3)			X																
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X																
11V. Chloroform (67-66-3)			X																
12V. Dichloro- bromomethane (75-27-4)			X																
13V. Dichloro- difluoromethane (75-71-8)			X																
14V. 1,1-Dichloro- ethane (75-34-3)			X																
15V. 1,2-Dichloro- ethane (107-06-2)			X																
16V. 1,1-Dichloro- ethylene (75-35-4)			X																
17V. 1,2-Dichloro- propane (78-87-5)			X																
18V. 1,3-Dichloro- propylene (542-75-6)			X																
19V. Ethylbenzene (100-41-4)			X																
20V. Methyl Bromide (74-83-9)			X																
21V. Methyl Chloride (74-87-3)			X																

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS'	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES		
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)			
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS			
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)																	
22V. Methylene Chloride (75-09-2)			X														
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X														
24V. Tetrachloroethylene (127-18-4)			X														
25V. Toluene (108-88-3)			X														
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X														
27V. 1,1,1-Trichloroethane (71-55-6)			X														
28V. 1,1,2-Trichloroethane (79-00-5)			X														
29V Trichloroethylene (79-01-6)			X														
30V. Trichlorofluoromethane (75-69-4)			X														
31V. Vinyl Chloride (75-01-4)			X														
GC/MS FRACTION – ACID COMPOUNDS																	
1A. 2-Chlorophenol (95-57-8)			X														
2A. 2,4-Dichlorophenol (120-83-2)			X														
3A. 2,4-Dimethylphenol (105-67-9)			X														
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X														
5A. 2,4-Dinitrophenol (51-28-5)			X														
6A. 2-Nitrophenol (88-75-5)			X														
7A. 4-Nitrophenol (100-02-7)			X														
8A. P-Chloro-M-Cresol (59-50-7)			X														
9A. Pentachlorophenol (87-86-5)			X														
10A. Phenol (108-95-2)			X														
11A. 2,4,6-Trichlorophenol (88-05-2)			X														

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES		a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS																	
1B. Acenaphthene (83-32-9)			X														
2B. Acenaphthylene (208-96-8)			X														
3B. Anthracene (120-12-7)			X														
4B. Benzidine (92-87-5)			X														
5B. Benzo (a) Anthracene (56-55-3)			X														
6B. Benzo (a) Pyrene (50-32-8)			X														
7B. 3,4-Benzo- fluoranthene (205-99-2)			X														
8B. Benzo (ghi) Perylene (191-24-2)			X														
9B. Benzo (k) Fluoranthene (207-08-9)			X														
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)			X														
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)			X														
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)			X														
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)			X														
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X														
15B. Butyl Benzyl Phthalate (85-68-7)			X														
16B. 2-Chloro- naphthalene (91-58-7)			X														
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)			X														
18B. Chrysene (218-01-9)			X														
19B. Dibenzo (a,h) Anthracene (53-70-3)			X														
20B. 1,2-Dichloro- benzene (95-50-1)			X														
21B. 1,3-Di-chloro- benzene (541-73-1)			X														

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichloro- benzene (106-46-7)			X												
23B. 3,3-Dichloro- benzidine (91-94-1)			X												
24B. Diethyl Phthalate (84-66-2)			X												
25B. Dimethyl Phthalate (131-11-3)			X												
26B. Di-N-Butyl Phthalate (84-74-2)			X												
27B. 2,4-Dinitro- toluene (121-14-2)			X												
28B. 2,6-Dinitro- toluene (606-20-2)			X												
29B. Di-N-Octyl Phthalate (117-84-0)			X												
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)			X												
31B. Fluoranthene (206-44-0)			X												
32B. Fluorene (86-73-7)			X												
33B. Hexachloro- benzene (118-74-1)			X												
34B. Hexachloro- butadiene (87-68-3)			X												
35B. Hexachloro- cyclopentadiene (77-47-4)			X												
36B Hexachloro- ethane (67-72-1)			X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
38B. Isophorone (78-59-1)			X												
39B. Naphthalene (91-20-3)			X												
40B. Nitrobenzene (98-95-3)			X												
41B. N-Nitro- sodimethylamine (62-75-9)			X												
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X												

CONTINUED FROM THE FRONT

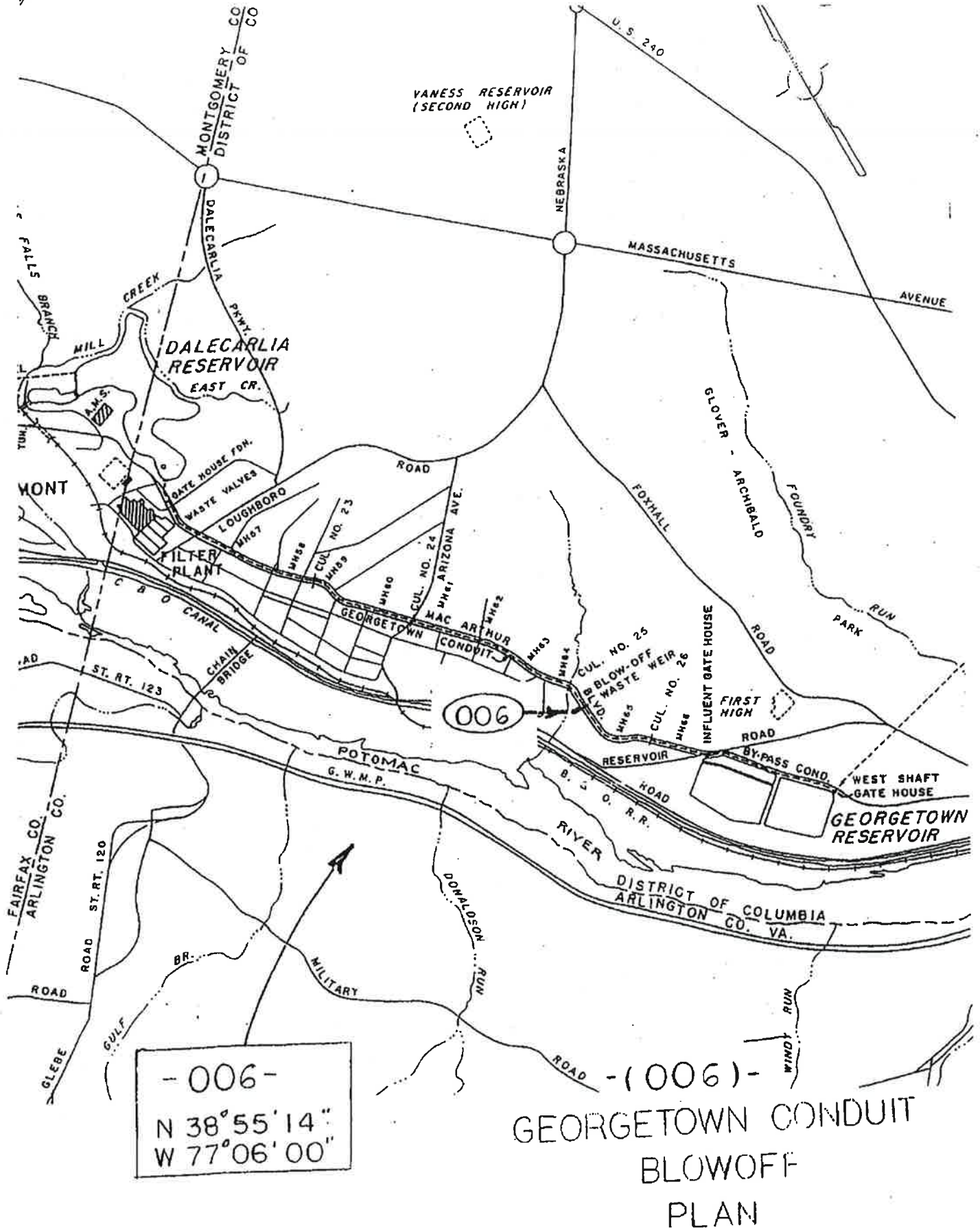
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitro-sodiphenylamine (86-30-6)			X													
44B. Phenanthrene (85-01-8)			X													
45B. Pyrene (129-00-0)			X													
46B. 1,2,4-Tri-chlorobenzene (120-82-1)			X													
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (319-85-7)			X													
4P. γ-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α-Endosulfan (115-29-7)			X													
12P. β-Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													
15P. Endrin Aldehyde (7421-93-4)			X													
16P. Heptachlor (76-44-8)			X													

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
DC0000019	002, 003, 004

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE <i>(optional)</i>		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION – PESTICIDES <i>(continued)</i>																
17P. Heptachlor Epoxide (1024-57-3)			X													
18P. PCB-1242 (53469-21-9)			X													
19P. PCB-1254 (11097-69-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11096-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (8001-35-2)			X													

WASHINGTON AQUEDUCT LOCATION OF OUTFALL 006



PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)
DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)	OUTFALL NO. 006
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PART A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (COD)	N/A											
c. Total Organic Carbon (TOC)	N/A											
d. Total Suspended Solids (TSS)					24			mg/l				
e. Ammonia (as N)	N/A											
f. Flow	VALUE	5 MG/Y	VALUE		VALUE					VALUE		
g. Temperature (winter)	VALUE	N/A	VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE	N/A	VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM	7.4	MAXIMUM	8.6	MINIMUM	MAXIMUM		STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color	X											X		
d. Fecal Coliform	X											X		
e. Fluoride (16984-48-8)	X		1.1	mg/l	Treatment		0.9	mg/l		Chemical				
f. Nitrate-Nitrite (as N)	X		3.0	mg/l			1.5	mg/l				X		

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS		a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X												X		
h. Oil and Grease		X													
i. Phosphorus (as P), Total (7723-14-0)	X												X		
j. Radioactivity															
(1) Alpha, Total		X													
(2) Beta, Total		X													
(3) Radium, Total		X													
(4) Radium 226, Total		X													
k. Sulfate (as SO ₄) (14808-79-8)	X		74	mg/l	Treatment		53	mg/l		Chemical			X		
l. Sulfide (as S)		X													
m. Sulfite (as SO ₃) (14265-45-3)		X													
n. Surfactants		X													
o. Aluminum, Total (7429-90-5)	X		1,430	mg/l	Treatment		6	mg/l		Chemical			X		
p. Barium, Total (7440-39-3)	X		64	ug/l			39	ug/l							
q. Boron, Total (7440-42-8)		X													
r. Cobalt, Total (7440-48-4)	X		1.1	ug/l			0.07	ug/l					X		
s. Iron, Total (7439-89-6)	X		1,176	ug/l			254	ug/l					X		
t. Magnesium, Total (7439-95-4)	X		14	ug/l			8.6	ug/l					X		
u. Molybdenum, Total (7439-98-7)	X		1.9	ug/l			0.7	ug/l					X		
v. Manganese, Total (7439-96-5)	X		150	ug/l			53.3	ug/l					X		
w. Tin, Total (7440-31-5)		X													
x. Titanium, Total (7440-32-6)		X													

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
DC0000019	006

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)		X		1.1	ug/l			0.4	ug/l				X		
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)		X		3.3	ug/l			1.6	ug/l				X		
6M. Copper, Total (7440-50-8)		X		23	ug/l	Treatment		3.7	ug/l		Chem.		X		
7M. Lead, Total (7439-92-1)		X		1.7	ug/l			0.3	ug/l				X		
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)		X		3.5	ug/l			2.3	ug/l						
10M. Selenium, Total (7782-49-2)		X		1.4	ug/l			0.5	ug/l				X		
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)		X		58	ug/l			4.2	ug/l				X		
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	b. NO. OF ANALYSES		
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)			X													
2V. Acrylonitrile (107-13-1)			X													
3V. Benzene (71-43-2)			X													
4V. Bis (Chloromethyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)			X													
6V. Carbon Tetrachloride (56-23-5)			X													
7V. Chlorobenzene (108-90-7)			X													
8V. Chlorodibromomethane (124-48-1)			X													
9V. Chloroethane (75-00-3)			X													
10V. 2-Chloroethylvinyl Ether (110-75-8)			X													
11V. Chloroform (67-66-3)			X													
12V. Dichlorobromomethane (75-27-4)			X													
13V. Dichlorodifluoromethane (75-71-8)			X													
14V. 1,1-Dichloroethane (75-34-3)			X													
15V. 1,2-Dichloroethane (107-06-2)			X													
16V. 1,1-Dichloroethylene (75-35-4)			X													
17V. 1,2-Dichloropropane (78-87-5)			X													
18V. 1,3-Dichloropropylene (542-75-6)			X													
19V. Ethylbenzene (100-41-4)			X													
20V. Methyl Bromide (74-83-9)			X													
21V. Methyl Chloride (74-87-3)			X													

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)			X													
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X													
24V. Tetrachloroethylene (127-18-4)			X													
25V. Toluene (108-88-3)			X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X													
27V. 1,1,1-Trichloroethane (71-55-6)			X													
28V. 1,1,2-Trichloroethane (79-00-5)			X													
29V Trichloroethylene (79-01-6)			X													
30V. Trichlorofluoromethane (75-69-4)			X													
31V. Vinyl Chloride (75-01-4)			X													
GC/MS FRACTION – ACID COMPOUNDS																
1A. 2-Chlorophenol (95-57-8)			X													
2A. 2,4-Dichlorophenol (120-83-2)			X													
3A. 2,4-Dimethylphenol (105-67-9)			X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X													
5A. 2,4-Dinitrophenol (51-28-5)			X													
6A. 2-Nitrophenol (88-75-5)			X													
7A. 4-Nitrophenol (100-02-7)			X													
8A. P-Chloro-M-Cresol (59-50-7)			X													
9A. Pentachlorophenol (87-86-5)			X													
10A. Phenol (108-95-2)			X													
11A. 2,4,6-Trichlorophenol (88-05-2)			X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												
2B. Acenaphthylene (208-96-8)			X												
3B. Anthracene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo (a) Anthracene (56-55-3)			X												
6B. Benzo (a) Pyrene (50-32-8)			X												
7B. 3,4-Benzo-fluoranthene (205-99-2)			X												
8B. Benzo (ghi) Perylene (191-24-2)			X												
9B. Benzo (k) Fluoranthene (207-08-9)			X												
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)			X												
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)			X												
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X												
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)			X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X												
15B. Butyl Benzyl Phthalate (85-68-7)			X												
16B. 2-Chloro-naphthalene (91-58-7)			X												
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X												
18B. Chrysene (218-01-9)			X												
19B. Dibenzo (a,h) Anthracene (53-70-3)			X												
20B. 1,2-Dichloro-benzene (95-50-1)			X												
21B. 1,3-Di-chloro-benzene (541-73-1)			X												

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichlorobenzene (106-46-7)			X													
23B. 3,3-Dichlorobenzidine (91-94-1)			X													
24B. Diethyl Phthalate (84-66-2)			X													
25B. Dimethyl Phthalate (131-11-3)			X													
26B. Di-N-Butyl Phthalate (84-74-2)			X													
27B. 2,4-Dinitrotoluene (121-14-2)			X													
28B. 2,6-Dinitrotoluene (606-20-2)			X													
29B. Di-N-Octyl Phthalate (117-84-0)			X													
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X													
31B. Fluoranthene (206-44-0)			X													
32B. Fluorene (86-73-7)			X													
33B. Hexachlorobenzene (118-74-1)			X													
34B. Hexachlorobutadiene (87-68-3)			X													
35B. Hexachlorocyclopentadiene (77-47-4)			X													
36B Hexachloroethane (67-72-1)			X													
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X													
38B. Isophorone (78-59-1)			X													
39B. Naphthalene (91-20-3)			X													
40B. Nitrobenzene (98-95-3)			X													
41B. N-Nitrosodimethylamine (62-75-9)			X													
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitro- sodiphenylamine (86-30-6)			X												
44B. Phenanthrene (85-01-8)			X												
45B. Pyrene (129-00-0)			X												
46B. 1,2,4-Tri- chlorobenzene (120-82-1)			X												
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α -BHC (319-84-6)			X												
3P. β -BHC (319-85-7)			X												
4P. γ -BHC (58-89-9)			X												
5P. δ -BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α -Endosulfan (115-29-7)			X												
12P. β -Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

EPA I.D. NUMBER (copy from Item 1 of Form 1)

OUTFALL NUMBER

DC0000019

006

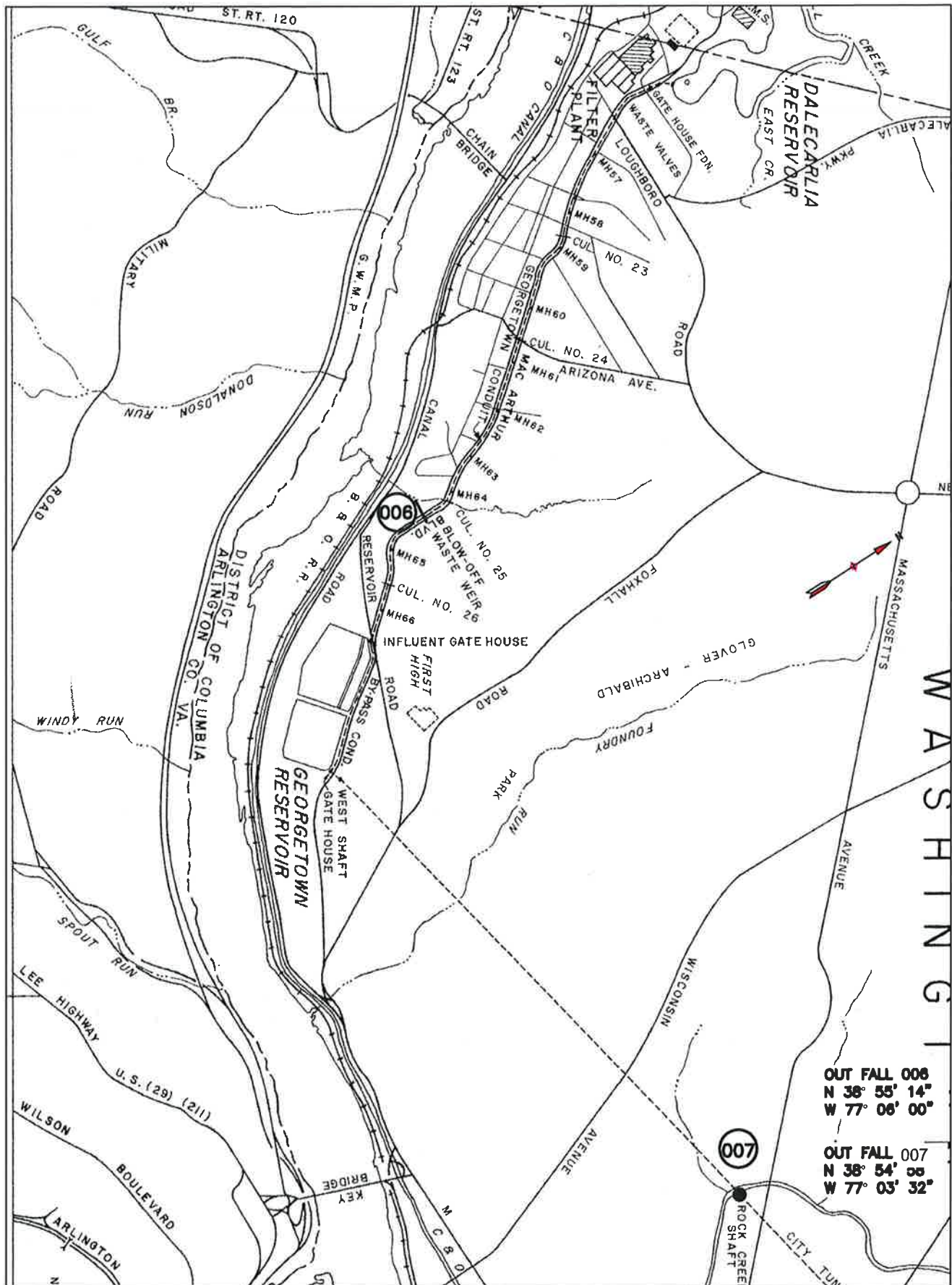
CONTINUED FROM PAGE V-8

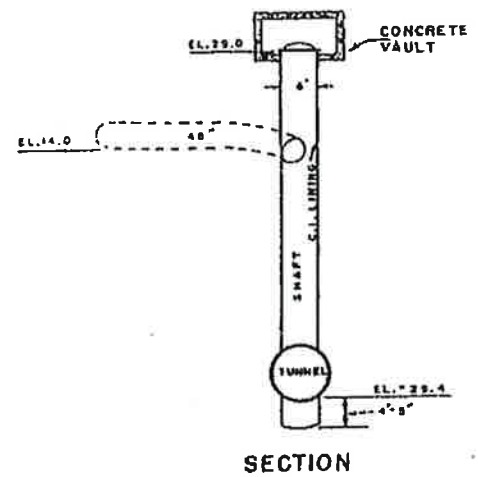
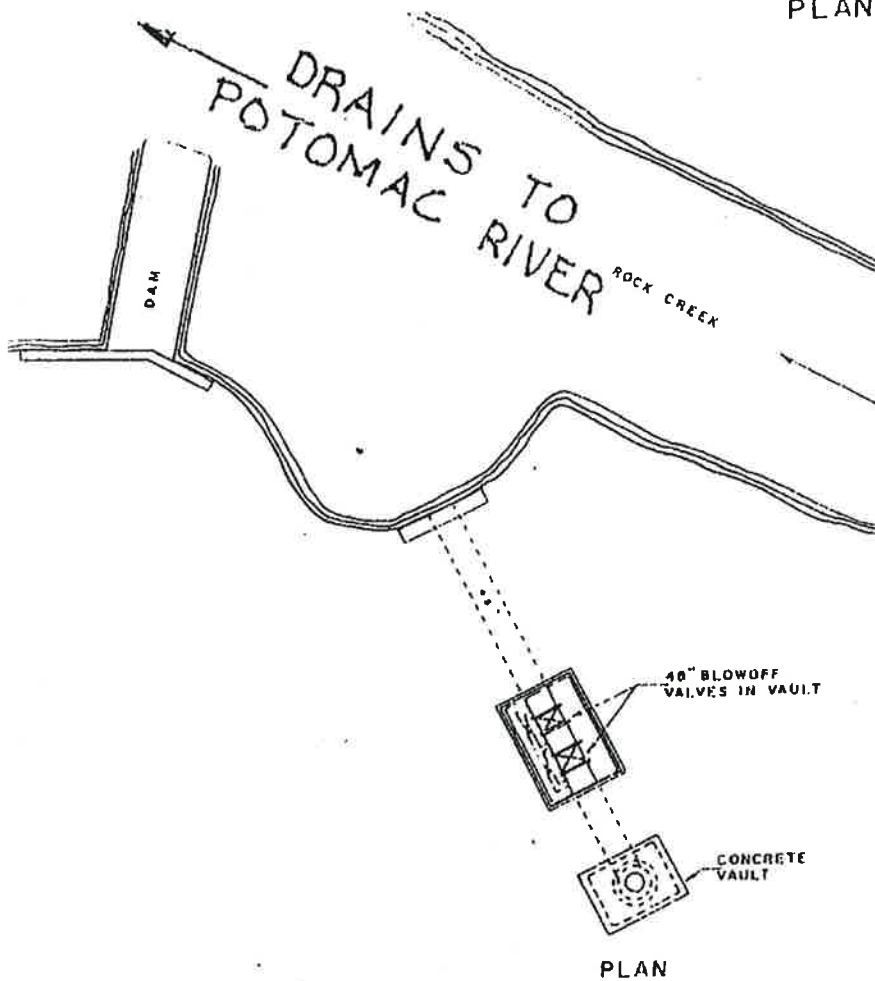
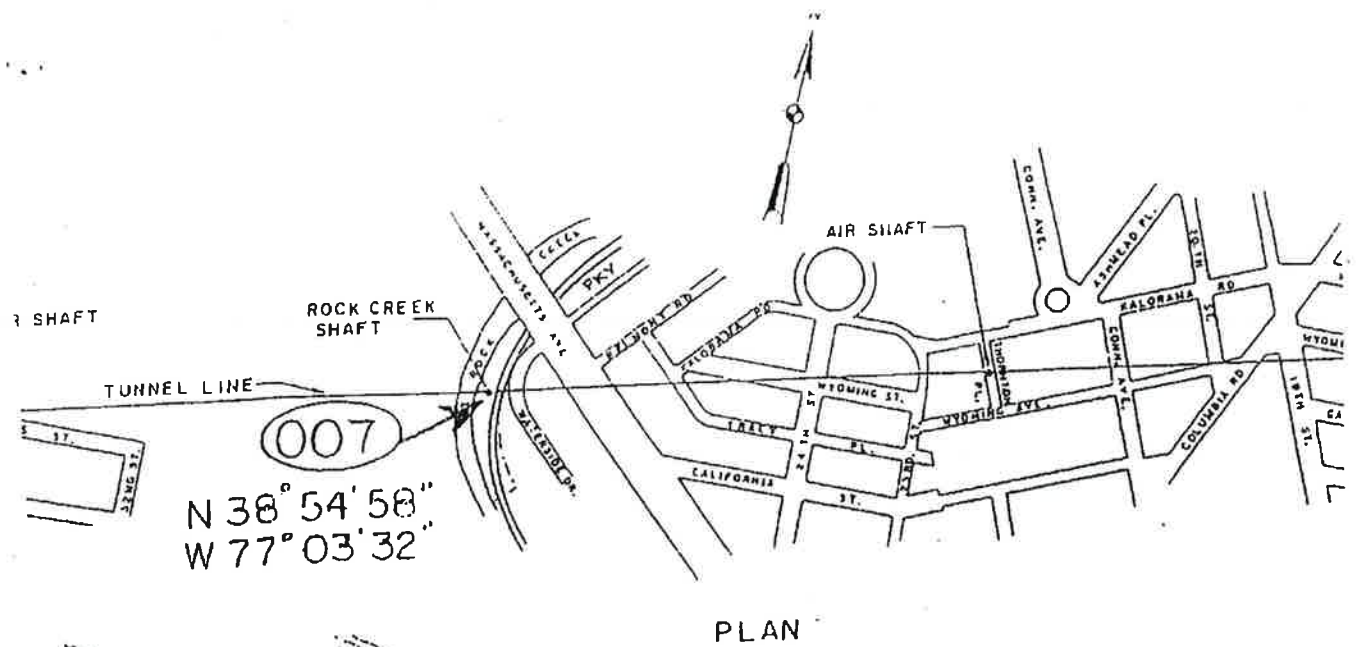
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – PESTICIDES (continued)																
17P. Heptachlor Epoxide (1024-57-3)			X													
18P. PCB-1242 (53469-21-9)			X													
19P. PCB-1254 (11097-69-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11096-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (8001-35-2)			X													

WASHINGTON AQUEDUCT

CONDUIT DISCHARGE TO POTOMAC RIVER AND ROCK CREEK

VIA OUTFALLS 006 AND 007





-(007)-
CITY TUNNEL BLOWOFF
PLAN AND SECTION
ROCK CREEK SHAFT

**WASHINGTON AQUEDUCT
DETAIL OF OUTFALLS 007**

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (*use the same format*) instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (<i>continued from page 3 of Form 2-C</i>)											OUTFALL NO. 007	
PART A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.												
1. POLLUTANT	2. EFFLUENT							3. UNITS (<i>specify if blank</i>)		4. INTAKE (<i>optional</i>)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (<i>if available</i>)		c. LONG TERM AVRG. VALUE (<i>if available</i>)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (COD)	N/A											
c. Total Organic Carbon (TOC)	N/A											
d. Total Suspended Solids (TSS)	N/A											
e. Ammonia (<i>as N</i>)	N/A											
f. Flow	VALUE 10 MG/Y		VALUE		VALUE					VALUE		
g. Temperature (<i>winter</i>)	VALUE N/A		VALUE		VALUE			°C		VALUE		
h. Temperature (<i>summer</i>)	VALUE N/A		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.4	MAXIMUM 8.6	MINIMUM	MAXIMUM				STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (<i>if available</i>)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (<i>optional</i>)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (<i>if available</i>)		c. LONG TERM AVRG. VALUE (<i>if available</i>)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color	X											X		
d. Fecal Coliform	X											X		
e. Fluoride (16984-48-8)	X		1.1	mg/l	Treatment		0.9	mg/l		Chemical				
f. Nitrate-Nitrite (<i>as N</i>)	X		3.0	mg/l			1.5	mg/l				X		

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)						
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES				
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS					
g. Nitrogen, Total Organic (as N)	X											X						
h. Oil and Grease		X																
i. Phosphorus (as P), Total (7723-14-0)	X											X						
j. Radioactivity																		
(1) Alpha, Total		X																
(2) Beta, Total		X																
(3) Radium, Total		X																
(4) Radium 226, Total		X																
k. Sulfate (as SO ₄) (14808-79-8)	X		74	mg/l	Treatment		53	mg/l		Chemical		X						
l. Sulfide (as S)		X																
m. Sulfite (as SO ₃) (14265-45-3)		X																
n. Surfactants		X																
o. Aluminum, Total (7429-90-5)	X		321	ug/l	Treatment		52.2	ug/l		Chemical		X						
p. Barium, Total (7440-39-3)	X		64	ug/l			39	ug/l										
q. Boron, Total (7440-42-8)		X																
r. Cobalt, Total (7440-48-4)	X		1.1	ug/l			0.07	ug/l				X						
s. Iron, Total (7439-89-6)	X		1,176	ug/l			254	ug/l				X						
t. Magnesium, Total (7439-95-4)	X		14	ug/l			8.5	ug/l				X						
u. Molybdenum, Total (7439-98-7)	X		1.9	ug/l			0.7	ug/l				X						
v. Manganese, Total (7439-96-5)	X		150	ug/l			53.3	ug/l				X						
w. Tin, Total (7440-31-5)		X																
x. Titanium, Total (7440-32-6)		X																

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
DCD960010232	007

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)		X		1.1	ug/l			0.4	ug/l				X		
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)		X		3.3	ug/l			1.6	ug/l				X		
6M. Copper, Total (7440-50-8)		X		23	ug/l	Treatment		3.7	ug/l		Chem.		X		
7M. Lead, Total (7439-92-1)		X		1.7	ug/l			0.3	ug/l				X		
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)		X		3.5	ug/l			2.3	ug/l				X		
10M. Selenium, Total (7782-49-2)		X		1.4	ug/l			0.5	ug/l				X		
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)		X		58	ug/l			4.2	ug/l				X		
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)						
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES				
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS					
GC/MS FRACTION – VOLATILE COMPOUNDS																			
1V. Accrolein (107-02-8)			X																
2V. Acrylonitrile (107-13-1)			X																
3V. Benzene (71-43-2)			X																
4V. Bis (Chloro- methyl) Ether (542-88-1)			X																
5V. Bromoform (75-25-2)			X																
6V. Carbon Tetrachloride (56-23-5)			X																
7V. Chlorobenzene (108-90-7)			X																
8V. Chlorodi- bromomethane (124-48-1)			X																
9V. Chloroethane (75-00-3)			X																
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X																
11V. Chloroform (67-66-3)			X																
12V. Dichloro- bromomethane (75-27-4)			X																
13V. Dichloro- difluoromethane (75-71-8)			X																
14V. 1,1-Dichloro- ethane (75-34-3)			X																
15V. 1,2-Dichloro- ethane (107-06-2)			X																
16V. 1,1-Dichloro- ethylene (75-35-4)			X																
17V. 1,2-Dichloro- propane (78-87-5)			X																
18V. 1,3-Dichloro- propylene (542-75-6)			X																
19V. Ethylbenzene (100-41-4)			X																
20V. Methyl Bromide (74-83-9)			X																
21V. Methyl Chloride (74-87-3)			X																

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVR. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X												
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X												
27V. 1,1,1-Trichloro-ethane (71-55-6)			X												
28V. 1,1,2-Trichloro-ethane (79-00-5)			X												
29V Trichloro-ethylene (79-01-6)			X												
30V. Trichloro-fluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)			X												
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X												
2A. 2,4-Dichloro-phenol (120-83-2)			X												
3A. 2,4-Dimethyl-phenol (105-67-9)			X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)			X												
6A. 2-Nitrophenol (88-75-5)			X												
7A. 4-Nitrophenol (100-02-7)			X												
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)			X												
10A. Phenol (108-95-2)			X												
11A. 2,4,6-Trichloro-phenol (88-05-2)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												
2B. Acenaphthylene (208-96-8)			X												
3B. Anthracene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo (a) Anthracene (56-55-3)			X												
6B. Benzo (a) Pyrene (50-32-8)			X												
7B. 3,4-Benzo- fluoranthene (205-99-2)			X												
8B. Benzo (ghi) Perylene (191-24-2)			X												
9B. Benzo (k) Fluoranthene (207-08-9)			X												
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)			X												
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)			X												
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)			X												
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)			X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X												
15B. Butyl Benzyl Phthalate (85-68-7)			X												
16B. 2-Chloro- naphthalene (91-58-7)			X												
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)			X												
18B. Chrysene (218-01-9)			X												
19B. Dibenzo (a,h) Anthracene (53-70-3)			X												
20B. 1,2-Dichloro- benzene (95-50-1)			X												
21B. 1,3-Di-chloro- benzene (541-73-1)			X												

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X												
23B. 3,3-Dichlorobenzidine (91-94-1)			X												
24B. Diethyl Phthalate (84-66-2)			X												
25B. Dimethyl Phthalate (131-11-3)			X												
26B. Di-N-Butyl Phthalate (84-74-2)			X												
27B. 2,4-Dinitrotoluene (121-14-2)			X												
28B. 2,6-Dinitrotoluene (606-20-2)			X												
29B. Di-N-Octyl Phthalate (117-84-0)			X												
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X												
31B. Fluoranthene (206-44-0)			X												
32B. Fluorene (86-73-7)			X												
33B. Hexachlorobenzene (118-74-1)			X												
34B. Hexachlorobutadiene (87-68-3)			X												
35B. Hexachlorocyclopentadiene (77-47-4)			X												
36B. Hexachloroethane (67-72-1)			X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
38B. Isophorone (78-59-1)			X												
39B. Naphthalene (91-20-3)			X												
40B. Nitrobenzene (98-95-3)			X												
41B. N-Nitrosodimethylamine (62-75-9)			X												
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
																(1) CONCENTRATION
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitro- sodiphenylamine (86-30-6)			X													
44B. Phenanthrene (85-01-8)			X													
45B. Pyrene (129-00-0)			X													
46B. 1,2,4-Tri- chlorobenzene (120-82-1)			X													
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α -BHC (319-84-6)			X													
3P. β -BHC (319-85-7)			X													
4P. γ -BHC (58-89-9)			X													
5P. δ -BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α -Endosulfan (115-29-7)			X													
12P. β -Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													
15P. Endrin Aldehyde (7421-93-4)			X													
16P. Heptachlor (76-44-8)			X													

EPA I.D. NUMBER (copy from Item 1 of Form 1)

OUTFALL NUMBER

DCD960010232

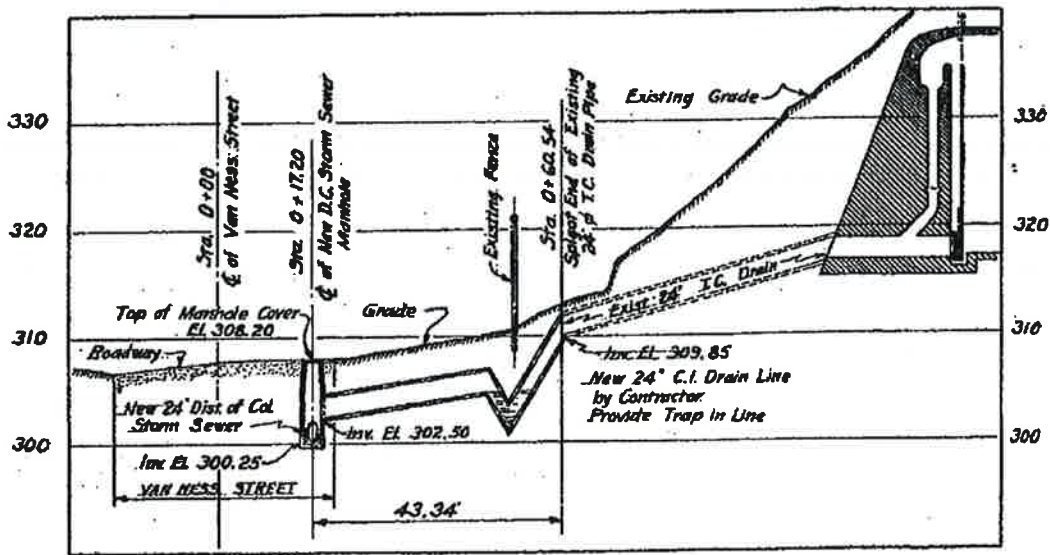
007

CONTINUED FROM PAGE V-8

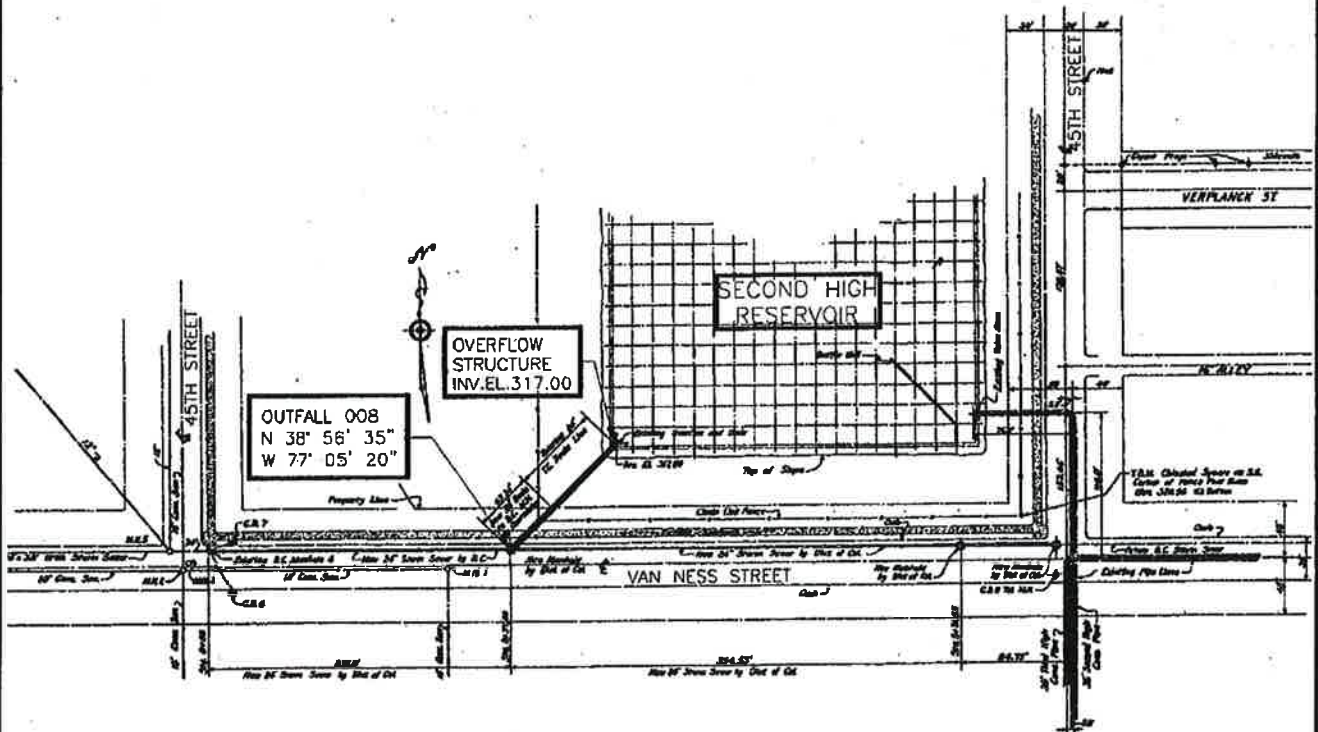
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – PESTICIDES (continued)																
17P. Heptachlor Epoxide (1024-57-3)			X													
18P. PCB-1242 (53469-21-9)			X													
19P. PCB-1254 (11097-69-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11096-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (8001-35-2)			X													

**WASHINGTON AQUEDUCT
RESERVOIR OVERFLOW DISCHARGES TO THE POTOMAC RIVER
VIA OUTFALLS 008 AND 009
DC STORM DRAINAGE SYSTEM, MILL CREEK AND LITTLE FALLS**



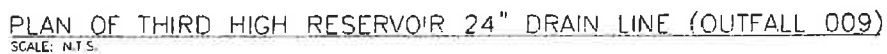
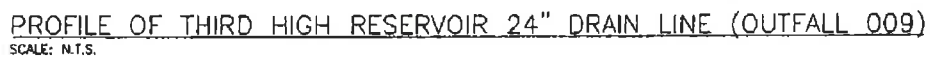


PROFILE OF SECOND HIGH RESERVOIR 24" DRAIN LINE (OUTFALL 008)
SCALE: N.T.S.



PLAN OF SECOND HIGH RESERVOIR 24" DRAIN LINE (OUTFALL 008)
SCALE: N.T.S.

**WASHINGTON AQUEDUCT
DETAILS OF OUTFALL 008**



WASHINGTON AQUEDUCT

DETAILS OF OUTFALL 009

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)
DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO.
008, 009

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (COD)	N/A											
c. Total Organic Carbon (TOC)					1.8	mg/l				X		
d. Total Suspended Solids (TSS)					1.0	mg/l				X		
e. Ammonia (as N)					0.7	mg/l				X		
f. Flow	VALUE 20 MG/Y		VALUE		VALUE					VALUE		
g. Temperature (winter)	VALUE		VALUE 7		VALUE					VALUE		
h. Temperature (summer)	VALUE		VALUE 28		VALUE			°C		VALUE		
i. pH	MINIMUM 7.7	MAXIMUM 7.8	MINIMUM 7.7	MAXIMUM 7.7				°C		VALUE		
							STANDARD UNITS					

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X													
f. Nitrate-Nitrite (as N)	X							0.8 mg/l						
								1.5 mg/l				X		

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
g. Nitrogen, Total Organic (as N)		X													
h. Oil and Grease		X													
i. Phosphorus (as P), Total (7723-14-0)		X													
j. Radioactivity															
(1) Alpha, Total		X													
(2) Beta, Total		X													
(3) Radium, Total		X													
(4) Radium 226, Total		X													
k. Sulfate (as SO ₄) (14808-79-8)	X							52.6	mg/l				X		
l. Sulfide (as S)		X													
m. Sulfite (as SO ₃) (14265-45-3)		X													
n. Surfactants		X													
o. Aluminum, Total (7429-90-5)	X							0.7	ug/l				X		
p. Barium, Total (7440-39-3)	X							36	ug/l				X		
q. Boron, Total (7440-42-8)		X													
r. Cobalt, Total (7440-48-4)		X													
s. Iron, Total (7439-89-6)	X							3.6	ug/l				X		
t. Magnesium, Total (7439-95-4)	X							8.6	mg/l				X		
u. Molybdenum, Total (7439-98-7)	X							0.7	ug/l				X		
v. Manganese, Total (7439-96-5)	X							1.1	ug/l				X		
w. Tin, Total (7440-31-5)		X													
x. Titanium, Total (7440-32-6)		X													

EPA I.D. NUMBER (copy from Item 1 of Form 1)

OUTFALL NUMBER

DCD960010232

008, 009

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
METALS, CYANIDE, AND TOTAL PHENOLS																
1M. Antimony, Total (7440-36-0)			X													
2M. Arsenic, Total (7440-38-2)		X						0.1	ug/l				X			
3M. Beryllium, Total (7440-41-7)			X													
4M. Cadmium, Total (7440-43-9)			X													
5M. Chromium, Total (7440-47-3)		X						1.6	ug/l				X			
6M. Copper, Total (7440-50-8)		X						3.7	ug/l				X			
7M. Lead, Total (7439-92-1)		X						0.1	ug/l				X			
8M. Mercury, Total (7439-97-6)			X													
9M. Nickel, Total (7440-02-0)		X						2.1	ug/l				X			
10M. Selenium, Total (7782-49-2)		X						0.5	ug/l				X			
11M. Silver, Total (7440-22-4)			X													
12M. Thallium, Total (7440-28-0)			X													
13M. Zinc, Total (7440-66-6)		X						1.2	ug/l				X			
14M. Cyanide, Total (57-12-5)			X													
15M. Phenols, Total			X													
DIOXIN																
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1764-01-6)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)					
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES				
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS					
GC/MS FRACTION – VOLATILE COMPOUNDS																			
1V. Accrolein (107-02-8)			X																
2V. Acrylonitrile (107-13-1)			X																
3V. Benzene (71-43-2)			X																
4V. Bis (Chloro- methyl) Ether (542-88-1)			X																
5V. Bromoform (75-25-2)			X																
6V. Carbon Tetrachloride (56-23-5)			X																
7V. Chlorobenzene (108-90-7)			X																
8V. Chlorodi- bromomethane (124-48-1)		X						1.9	ug/l										
9V. Chloroethane (75-00-3)			X																
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X																
11V. Chloroform (67-66-3)		X						24.4	ug/l										
12V. Dichloro- bromomethane (75-27-4)		X						9.2	ug/l										
13V. Dichloro- difluoromethane (75-71-8)			X																
14V. 1,1-Dichloro- ethane (75-34-3)			X																
15V. 1,2-Dichloro- ethane (107-06-2)			X																
16V. 1,1-Dichloro- ethylene (75-35-4)			X																
17V. 1,2-Dichloro- propane (78-87-5)			X																
18V. 1,3-Dichloro- propylene (542-75-6)			X																
19V. Ethylbenzene (100-41-4)			X																
20V. Methyl Bromide (74-83-9)			X																
21V. Methyl Chloride (74-87-3)			X																

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)					
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES				
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS					
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)																			
22V. Methylene Chloride (75-09-2)			X																
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X																
24V. Tetrachloroethylene (127-18-4)			X																
25V. Toluene (108-88-3)			X																
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X																
27V. 1,1,1-Trichloroethane (71-55-6)			X																
28V. 1,1,2-Trichloroethane (79-00-5)			X																
29V. Trichloroethylene (79-01-6)			X																
30V. Trichlorofluoromethane (75-69-4)			X																
31V. Vinyl Chloride (75-01-4)			X																
GC/MS FRACTION – ACID COMPOUNDS																			
1A. 2-Chlorophenol (95-57-8)			X																
2A. 2,4-Dichlorophenol (120-83-2)			X																
3A. 2,4-Dimethylphenol (105-67-9)			X																
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X																
5A. 2,4-Dinitrophenol (51-28-5)			X																
6A. 2-Nitrophenol (88-75-5)			X																
7A. 4-Nitrophenol (100-02-7)			X																
8A. P-Chloro-M-Cresol (59-50-7)			X																
9A. Pentachlorophenol (87-86-5)			X																
10A. Phenol (108-95-2)			X																
11A. 2,4,6-Trichlorophenol (88-05-2)			X																

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)				
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE	b. NO. OF ANALYSES				
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES			
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS																		
1B. Acenaphthene (83-32-9)			X															
2B. Acenaphthylene (208-96-8)			X															
3B. Anthracene (120-12-7)			X															
4B. Benzidine (92-87-5)			X															
5B. Benzo (a) Anthracene (56-55-3)			X															
6B. Benzo (a) Pyrene (50-32-8)			X															
7B. 3,4-Benzo- fluoranthene (205-99-2)			X															
8B. Benzo (ghi) Perylene (191-24-2)			X															
9B. Benzo (k) Fluoranthene (207-08-9)			X															
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)			X															
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)			X															
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)			X															
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)			X															
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X															
15B. Butyl Benzyl Phthalate (85-68-7)			X															
16B. 2-Chloro- naphthalene (91-58-7)			X															
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)			X															
18B. Chrysene (218-01-9)			X															
19B. Dibenzo (a,h) Anthracene (53-70-3)			X															
20B. 1,2-Dichloro- benzene (95-50-1)			X															
21B. 1,3-Di-chloro- benzene (541-73-1)			X															

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichloro- benzene (106-46-7)			X													
23B. 3,3-Dichloro- benzidine (91-94-1)			X													
24B. Diethyl Phthalate (84-66-2)			X													
25B. Dimethyl Phthalate (131-11-3)			X													
26B. Di-N-Butyl Phthalate (84-74-2)			X													
27B. 2,4-Dinitro- toluene (121-14-2)			X													
28B. 2,6-Dinitro- toluene (606-20-2)			X													
29B. Di-N-Octyl Phthalate (117-84-0)			X													
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)			X													
31B. Fluoranthene (206-44-0)			X													
32B. Fluorene (86-73-7)			X													
33B. Hexachloro- benzene (118-74-1)			X													
34B. Hexachloro- butadiene (87-68-3)			X													
35B. Hexachloro- cyclopentadiene (77-47-4)		X						ND	ug/l							
36B Hexachloro- ethane (67-72-1)			X													
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X													
38B. Isophorone (78-59-1)			X													
39B. Naphthalene (91-20-3)			X													
40B. Nitrobenzene (98-95-3)			X													
41B. N-Nitro- sodimethylamine (62-75-9)		X						0.2	ng/l							
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitro-sodiphenylamine (86-30-6)			X													
44B. Phenanthrene (85-01-8)			X													
45B. Pyrene (129-00-0)			X													
46B. 1,2,4-Tri-chlorobenzene (120-82-1)			X													
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (319-85-7)			X													
4P. γ-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α-Endosulfan (115-29-7)			X													
12P. β-Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													
15P. Endrin Aldehyde (7421-93-4)			X													
16P. Heptachlor (76-44-8)			X													

EPA I.D. NUMBER (copy from Item 1 of Form 1)

OUTFALL NUMBER

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

